ABSTRACT OF THE DISCLOSURE

The present invention pertains to a method and device for automatically

configuring the Permanent Virtual Circuit (PVC) of a Digital Subscriber Line

5   (DSL) Customer Premises Equipment (CPE) and link it to a software interface.

The method comprises receiving an ATM cell and checking the ATM cell for an

OAM Fault Management (F5) type cell. The OAM type cell allows the PVC to be

configured by obtaining a VPI and VCI from the OAM type cell. Otherwise, the

CPE configures its new PVC by obtaining a VPI and VCI from a first traffic

10   bearing cell and linking its new PVC to a protocol specific to DSL.

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